

Hydrochemical Features of Vertical Landscapes in
Southern Yakutia, by N. P. Chibisov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol. 174, No. 2,
1967, pp 459-462.
An Geological Inst.

May 68

356,887

New System of Phage Conversion, by E. I. Golub
& V. K. Ravin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 2,
May 1967, pp 465-467.

CB

Jul 68

360,282

Immune Fixation of Antigen on the Surface of
Macrophages, by V. I. Levenson & N. I. Braude.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 2,
May-June 1967, pp 468-471.
CB

Jul 68

360,250

Incorporation of C¹⁴-Glycine and C¹⁴-Leucine
into Proteins in a Cell-Free System Prepared
from the Silk Gland of Bombyx mori L., by
N. A. Gumilevskaya, E. B. Kuvaeva.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 2,
May 1967, pp 472-475.
CB

Jul 68

360,530

Intermediate Stages of Reversible Photooxidation
of Chlorophyll b, by V. B. Evstigneev,
V. A. Gavrilova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 2,
May 1967, pp 476-479.

CB

Jul 68

360,531

Structural Rearrangement of Aggregated Forms
of Chlorophyll and Bacteriochlorophyll, by
A. A. Krasnovskii, M. I. Bystrova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 2,
May 1967, pp 480-483.
CE

Jul 68

360,532

Regulation by Guanylic Nucleotides of the GTP
Synthetase Reaction, by S. R. Mardashev,
L. M. Yarovaia.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 2,
May 1967, pp 484-486.
CB

Jul 68

360,533

Role of Free Radicals in the Movement of Mimosa
pudica Leaves, by V. N. Zholkevich,
A. G. Chetverikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 2,
May 1967, pp 487-488.
CB

Jul 68

360,425

Leaf Diagnosis of the Size of the Yield and
Chemical Composition of Pea Seeds, by
N. P. Sherstov, N. K. Boldyrev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 2,
May 1967, pp 489-491.
CE

Jul 68

360,426

Synthesis of Proteins of Specific and Energy-
Producing Structures in Undamaged Areas of the
Myocardium in the Presence of Myocardial Infarction,
by A. S. Bozhko.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 2,
May 1967, pp 492-494.

CE

Jul 68

360,871

Changes in Various Cerebral Structures in Comparison with the Characteristics of Nervous Regulation of Cardiac Activity in Experimental Myocardial Infarction, by L. A. Dolina & B. M. Fedorov.

RUSSIAN, Per, Dok Ak Nauk SSSR, Vol 174, No 2, May 1967, pp 495-497.

CB

Jul 68

360,272

Relationship Between Background and Evoked
Activity in Intermediate Neurons of Spinal Cord,
by A. V. Zav'yalov & E. B. Arushanyan.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 2,
May 1967, pp 498-500.
CB

Jul 69

360,273

Formation of Connective Tissue Sleeve on Mullerian
Ducts in Axolotl (*Ambystoma mexicanum*), by
D. A. Potenkina & G. A. Vasil'eva.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 2,
May 1967, pp 501-504.
CB

Jul. 68

360,252

Symmetric Algebras and Steiner Systems, by
I. S. o. Aliev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 3, 1967, pp 511-513.

Am Math Soc

Vol 8, No 3, 1967

Nov 68

370,455

Boundedness in L^p of a Singular Operator with
Cauchy Kernel along a Curve of Bounded
Rotation, by I. I. Daniljuk, V. Ju. Selepov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 3, 1967, pp 514-517.
Am Math Soc
Vol 8, No 3, 1967

Nov 68

370,456

Estimates of the Rate of Convergence of
Certain Projection Methods for the Solution of
Elliptic Equations, by Ju. K. Dem'janovic.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 3, 1967, pp 518-521.
Am Math Soc
Vol 8, No 3, 1967

Nov 68

370,457

A Single-Product Dynamical Model with
Instantaneous Convertibility of Funds, by
L. V. Kantorovic, I. G. Globenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 3, 1967, pp 522-525.
Am Math Soc
Vol 8, No 3, 1967

Nov 68

370,458

A General Existence Theorem for Closed Convex
Polyhedra, by A. V. Pogorelov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 3, 1967, pp 526-528.
Am Math Soc
Vol 8, No 3, 1967

Nov 68

370,459

Variable-Structure Automata, by G. A. Agasandyan.
RUSSIAN, per. Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 529-530.
Am Inst Phys
Vol 12, No 5, Nov 1967

Nov 67

345,439

Synthesis of a Mechanical System with Variator
in Terms of the Given Motion of One Element, by
I. I. Artobolevskii, V. A. Zinov'ev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 5-533.
Am Inst Phys
Vol 12, No 5, Nov 1967

Nov 67

345,447

An Extremum Problem in Thermoelasticity for an
Infinite Cylindrical Shell, by E. I. Grigolyuk,
Ya. I. Burak.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 534-537.

Am Inst Phys
Vol 12, No 5, Nov 1967

Nov 67

345,474

Relationship Between the Radioemission Flux
From Local Sources and the Structure of Active
Regions of the Sun Observed Optically, by

A. R. Abbasov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 538-540. *P910320767*

Sci Tech Info Facility

ST-SP-10638

Ann Inst Phys
VOL 12, 7705, 1967

Sci-Astron

Sept 67

338,715

Rectilinear Motion of a Perfectly Plastic Medium,
by P. P. Mosolov and V. P. Myasnikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 541-544.

Am Inst Phys

Vol 12, No 5, Nov 1967

Nov 67

345,446

Anomalous Photovoltaic Effect in Monochromatic
light, by E. I. Adirovich, V. M. Rubinov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 2,
May 1967, pp 545-548.

An Inst Phys

Vol 12, No 5, Nov 1967

Nov 67

345,459

Electron Paramagnetic Resonance of Rare-Earth
Elements in Glasses, by T. S. Al'tshuler.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 549-552.
An Inst Phys
Vol 12, No 5, Nov 1967

Nov 67

345,460

Identification of Etch Figures on Tracks of Fission
Fragments in Ionic Crystals, by I. G. Berzina
and I. B. Berman.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 553-555.

~~Am~~ Inst Phys

Vol 12, No 5, Nov 1967

Nov 67

345,461

Interaction of Ultrasonic Surface and Volume
Waves with Conduction Electrons in a CdS Crystal,
by I. A. Viktorov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 556-559.

An Inst Phys

Vol 12, No 5, Nov 1967

Nov 67

345,462

Relation of the Bohm Criterion to Ambipolar Sound
Generation in Positive-Column Gas Discharge Plasmas,
by V. V. Vladimirov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 560-563.

Am Inst Phys

Vol 12, No 5, Nov 1967

Nov 67

345,463

Operational Method of Determining Certain Integral Characteristics of Nonstationary Transport Processes in Active Media, by V. K. Egerev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3, May 1967, pp 564-565.

Am Inst Phys

Vol 12, No 5, Nov 1967

Nov 67

345,464

Reaction Zone Temperature During the Scavenging
of Iron Melts by Gas--Oxygen Mixtures and by Air,
by N. P. Levenets, G. A. Lopukhov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 566-569.

Am Inst Phys
Vol 12, No 5, Nov 1967

Nov 67

345,471

Superconducting Properties of Vanadium--Niobium
Alloys, by N. N. Sirota and E. A. Ovseichuk.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 570-571.
Am Inst Phys
Vol 12, No 5, Nov 1967

Nov 67

345,472

Kinetics of Fracture Under Biaxial Stress, by
Ya. B. Fridman, T. K. Zilova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 572-575.

Am Inst Phys

Vol 12, No 5, Nov 1967

Nov 67

345,473

Polarization of the Pc-1 Type (The Pearls) of
Hydromagnetic Oscillations at Magnetically
Conjugate Points: Sogra, USSR and Kerguelen,
France, by M. Gochberg & R. Gendrin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 576-579.
Am Geol. Inst.

May 68

356,818

Experimental Data Disputing the Hypothesis of
the Earth's Dust Cloud, by B. P. Konstantinov
& M. M. Ereslov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 580-582.

An Geological Inst.

May 68

356, 819

Investigation of Meter Radio-Wave Reflections by
the Moon's Surface, by O. L. Yakovlev &
A. I. Nefimov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 583-584.

Am Geological Inst.

77C 72-12270-0313

May 68

356,820

Nature of Optical Inhomogeneities in Quartz
Crystals, by G. V. Kleshchev, I. V. Kabanovich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, no 3,
May 1967, pp 585-586.
Am Inst Phys
Vol 12, No 5, No v1967

Nov 67

345,436

Selective Inhibition of Nonspecific Choline-
sterase by Some O, O-Dialkyl-S-Alkylthiophos-
phates, by N. N. Golovnikov, Ye. I. Godyna,
N. I. Kalashnik, V. I. Rozengart, and V. G.
Shmalova, 5 pp.
RUSSIAN, per, Eksplozivnoyehiye Ruk SVER, Vol.
174, No. 3, 1967, pp. 603-615.
JPRS 42276

JPRS 42276

DESR
Sci-Chem
Sept 67

339,353

Possibilities of Strengthening Glass-Crystalline
Materials, by I. A. Boguslavskii,
M. Ya. Markelova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 642-645.

CB

Jul 68

360,467

Novel Method of Determining the Stationary
Degree of Separation in Column Type Apparatus
from Kinetic Data, by N. M. Zhavoronkov,
L. P. Kholpanov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 646-649.

CB

Jul 68

360,463

Lateral Diffusion in a Granular Bed, by
L. M. Pis'men, S. I. Kuchanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 650-653.
CB

Jul 68

360,469

Annular Ruptures in the Middle of the Siberian
Platform, by Yu. S. Vyazovov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 555-558.
Am Geological Inst.

May 68

356,836

Magnetic Formations in the Graben-Shaped Pripyat'-
Dnieper-Donets Downwarp, by V. I. Lebedinskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, no 3,
1967, pp 659-662.
Am Geological Inst.

May 68

356, 137

Section Types of the Yudoma Suite, Southeastern
Siberia, by M. A. Semikhatov & Vl. A. Kozlov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 663-666.
Am Geological Inst.

May 68

356,530

Crystal Structure of Ca-Zeolite-Laumontite
(Leonhardtite) $\text{CaAl}_2\text{Si}_4\text{O}_{12} \cdot n\text{H}_2\text{O}$ ($2 \leq n \leq 4$), by
S. T. Aminov & V. V. Il'yukhin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 667-670.
Ac Geological Inst.

May 68

356, 364

Recent Formation of Alunite in the Kipyashchaya
("Boiling") Crater Lake, Golovnin Volcano,
Kunashir Island, by A. V. Zotov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 671-674.
Am Geological Inst.

May 68

356,865

Benjaminite, $(\text{Cu}, \text{Ag})_2\text{Pb}_2\text{Bi}_4\text{S}_9$, by E. F. Mintser.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 675-678.
Am Geological Inst.

May 68

356,866

The First Discovery of Bonchovite in the USSR,
by G. N. Mechelyustov & V. S. Sebedev.
RUSSIAN, Izvestiya Akad. Nauk SSSR, Vol 174, No 1,
1967, pp 679-682.
Am Geological Inst.

May 68

356,567

Hydrothermal Alteration of Diabases and Formation
of Mercury Ores (The Makratela Ore-Show, Abkhazia),
by G. A. Meryaylova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 683-686.
Am Geological Inst.

May 68

356,874

Epigenetic Alterations of Terrigenous Rocks in
the Upper Jurassic Productive Horizon of the
Trekhozernoye Oil Field, by R. S. Sakhibgareyev
& R. A. Akhullin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 2,
1967, pp 687-689.

Am Geological Inst.

May 68

356, 375

Differences in the Character of Loess and Loess-
Like Rocks on Lowlands and Highlands of the
Russian Plain, by M. P. Lysenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
1967, pp 690-693.
Am Geological Inst.

May 68

356,880

Structural Changes in Myofibrils Caused by the
Dye Congo Red, by L. G. Filatova & I. G. Shtrankfeld.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 695-696.
CE

Jul 68

360,245

Study of Butyric Acid Fermentation in Relations
to Phosphorus Metabolism, by N. N. Kalinina &
L. G. Azova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 697-699.
CE

Jul 68

360,264

Localization of Phosphatase in the Cells of
Clostridium perfringens, by A. I. Kachelkina &
V. M. Kushnarev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 700-703.

CB

Jul 68

360,265

Study of the Lymphoid Cells of the Immunized
Animal Producing Specific (Antibodies) and
Nonspecific Immune Globulins to a Particular
Antigen, by K. A. Lebedev & V. Ya. Ganina.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 704-706.
CB

Jul 68

360,260

Separation of Large Blocks of sRNA Nucleotides
by Means of Ion-Exchange Chromatography, by
V. D. Aksel'rod, I. I. Fodor.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 707-710.
CB

Jul 68

360,534

Effect of Ultraviolet Irradiation on Solutions
of Enzymes at Low Temperatures, by G. S. Konolova,
E. V. Velikova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 711-713.
CB

Jul 68

360,535

Examination of the Ribosomes of Chloroplasts
and of the Cytoplasm of Pea Seedlings in a
Cesium Chloride Density Gradient, by
E. N. Svetailo, I. I. Filippovich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 714-717.
C2

Jul 68

360,536

Dimerization of Phosphorylase b, by
G. V. Silonova, N. P. Lisovskaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, no 3,
May 1967, pp 718-721.
CB

Jul 68

360,537

Secondary Structure of Nucleotido-(P-N)-Amino
Acids (Peptides), by N. I. Sokolova,
Z. Stumbravichute.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 722-724.
CE

Jul 68

360,538

Infrared Spectra of Some N-Arylglycosylamines,
by V. D. Shcherbukhin, B. N. Stepanenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 725-728.
CB

Jul 68

360,539

Division and Extension of Cells in a Tobacco
Tissue Culture, by K. Z. Gamburg, N. N. Varakina.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 729-732.

CS

Jul 68

360,427

Larval Development of Spirochaetopterus typicus M.
Sars (Polychaeta, Chaetopteridae) from the
Barents Sea and Taxonomy of the Family Chaetopteridae
and the Order Spiomorpha, by S. A. Mileikovskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 3,
May 1967, pp 733-736.

CS

Jul 68

360,253

Perturbation of Homomorphisms by Operators
of Finite Rank, by M. A. Gol'dman,
S. B. Krackovskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 4, 1967, pp 743-746.
Am Math Soc
Vol 8, No 3, 1967

Nov 68

370,460

Iterative Solution of Problems of Linear and
Quadratic Programming, by I. I. Dikin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 4, 1967, pp 747-748.
Am Math Soc
Vol 8, No 3, 1967

Nov 68

354,161

The Existence of a Convex Hypersurface with
a Given Relation for its Curvature Functions,
by A. V. Pogorelov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 4, 1967, pp 749-750.

Am Math Soc
Vol 8, No 3, 1967

Nov 68

354,162

A Class of Lattices with Operators, and a New
Characterization of the Positive Part of a
K-Space, by M. G. Rabinovic.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 4, 1967, pp 751-753.

Am Math Soc

Vol 8, No 3, 1967

Nov 68

354,163

A Mathematical Production Model, by
A. M. Rubinov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 4, 1967, pp 754-756.
Am Math Soc
Vol 8, No 3, 1967

Nov 68

354, 164

θ -Spaces and Perfect Irreducible Mappings of
Topological Spaces, by V. Fedorcuk.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174,
No 4, 1967, pp 757-759.
Am Math Soc
Vol 8, No 3, 1967

Nov 68

354,165

A Model for Continuous Media, by V. F. D'yachenko.
RUSSIAN, par. Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 760-762.
Am Inst Phys
Vol 12, No 6, Dec 1967

Feb 68

349,385

Motion of Particles Suspended in Turbulent Flow,
by V. G. Levich & S. I. Kuchanov.

RUSSIAN, per. ~~Engl. Ak. Nauk SSSR~~, Vol 174, No 4,
June 1967, pp 763-766.

Am Inst Phys
Vol 12, No 6, Dec 1967

Feb 68

349,386

Regions Where Motion is Impossible in the Three-
Body Problem, by V. G. Galinhev.
RUSSIAN, par, Doklady Akademii Nauk SSSR, Vol 174,
No 4, June 1967, pp 767-770.
Am Inst Phys
Vol 12, No 6, Dec 1967
NTC 72-12869-03B

349,380

On the Regions of Impossibility of Motions in the
Problem of Three Bodies, by V. G. Golubeyev,
RUSSIAN, per, Doklady Ak Nauk SSSR, Astronomiya,
Vol CLXXIV, No 4, 1967, pp 767-770. P910254567
NASA ST-CN-10632

Sci-Astro
Aug 67

335,516

Thirring Four-Fermion Model and Perturbation Theory,
by A. V. Anshakov.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 771-774.

Am Inst Phys
Vol 12, No 6, Dec 1967

Feb 68

349,388

The Equations of Electrodynamics for Anisotropic Media, by D. N. Chetaev.

RUSSIAN, per. ~~Dokl. Ak. Nauk SSSR~~, Vol 174, No 4, June 1967, pp 775-778.

Am Inst Phys

Vol 12, No 6, Dec 1967

Feb 68

349,389

Explosive Generators, by E. I. Rikhenkov.
RUSSIAN, par. Dok Ak Bank 8838, Vol 174, No 4,
June 1967, pp 779-782.
Am Inst Phys
Vol 12, No 6, Dec 1967

REC-1012-TR-10110

Feb 68

349.393

Group Theoretical Classification of the States
of Pairs and Complexes of Paramagnetic Impurity
Ions in Crystals, by S. V. Vonsovskiĭ & V. I.
Chavapanov.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 783-786.

Am Inst Phys
Vol 12, No 6, Dec 1967

Feb 68

349,394

Cooperative Luminescence Sensitization of Silver-
Halide Salts and Spectral Sensitization of Photo-
graphic Emulsions, by V. V. Ovsyankin & P. P.
Pecfilov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 787-790.

Am Inst Phys

Vol 12, No 6, Dec 1967

Feb 68

349.395

Acoustoelectric Effect in CdSe Under Constant
Amplification of Ultrasound by Electron Flow, by
V. I. Pastovait & V. I. Balibakov,
RUSSIAN, per. Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, PP 791-794.
Am Inst Phys
Vol 12, No 6, Dec 1967

Feb 68

349,396

The Electrical Discharge as a Converter of
Electrical Energy into Mechanical Energy, by
V. V. Rukhovich & N. I. Andrianov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967. PP 793-796.
An Inst Paper
Vol 12, No 6, Dec 1967

Feb 68

349,397

Frequency Spectrum of Silicon Lattice Vibrations,
by E. M. Sirota & T. D. Sokolovskii.
RUSSIAN, per. Int. Ak. Nauk SSSR, Vol 174, No 4,
June 1967, pp 797-799.
Am Inst Phys
Vol 12, No 6, Dec 1967

Feb 68

349,398

Structure of Glass Fibers, by G. M. Bartenov &
R. G. Chernyshev.

RUSSIAN, ~~For Dok Ak Nauk SSSR~~, Vol 174, No 4,
June 1967, pp 800-802.

Am Inst Phys
Vol 12, No 6, Dec 1967

Feb 68

349,410

Effect of Magnetic Transformations on the Shape
of the Angular Distribution of Quanta from
Positron-Electron Annihilation in Ferromagnetic
Materials, by I. Ya. Dedyukhin & V. S. Mikhailov.
RUSSIAN, per, Dokl Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 803-806.
Am Inst Phys
Vol 12, No 6, Dec 1967

Feb 68

349,411

Characteristics of the Polymorphic Transformation
in Iron Containing Small Amounts of Carbon, by
L. I. Kogen & G. A. Pavlovich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 811-813.
Am Inst Phys
Vol 12, No 6, Dec 1967

Feb 68

349,413

Distribution of Impurities in Oxygen-Blown Metal,
by N. P. Lavanets & G. A. Lopukhov.
RUSSIAN, per. Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 814-816.
Am Inst Phys
Vol 12, No 6, Dec 1967

Feb 68

349,414

Magnetic Moments and Ionic Charges of Components
of Binary Alloys of Metals of the Iron Group.
Strongly Nonideal Solid Solutions, by B. G.

Ivanishenko.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 517-520.

Am Inst Phys

Vol 12, No 6, Dec 1967

Feb 68

349,415

Study of Etch Figures on Cadmium Single Crystals,
by Yu. P. Fedorukhinov.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 621-623.

An Inst Phys

Vol 12, No 6, Dec 1967

Feb 68

349,416

Allowance for Nonideal Contact in Laser Welding
of Different Materials, by N. N. Rykalin & A. A.
Uglav.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 824-827.

Am Inst Phys
Vol 12, No 6, Dec 1967

Feb 68

349,417

Simultaneous Appearance of Pc-1 Micropulsation
Bursts at Conjugate Points, by M. Gokhberg &
R. Gendrin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 828-829.

Am Geological Inst.

NYC 73-12641-040

May 68

356,321

Frequency-Intensity Maps of Seismic Tremors,
by Yu. V. Ryznichenko & A. I. Zakharova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 830-832.
Am Geological Inst.

May 68

356,622

Higher Order Scattering in the Twilight Sky
Zenich, by V. G. Pesenkov.
RUSSIAN, per, Doklady Ak Nauk SSSR, Geofizika,
Vol CLXXIV, No 4, 1967, pp 833-834. P910254467
NASA ST-AA-AI-10631

AM GEOLOGICAL INST.

Sci-Astro
Aug 67

335,515

A Quantative Characteristic of the Validity
of Chemical Reaction Mechanisms, A. M. Broks-
Brodskii, I. V. Giranov, E. I. Feigin.
RUSSIAN, per, Akademiya Nauk SSSR Doklady,
Vol 174, No 4, 1967, pp. 865-8
NTC 69-10714-07D

Sci-Chem
July 69

386,728

Direct Method for Determination of Longitudinal
Mixing in Packed Layers, by V. V. Kafarov,
V. V. Shestopalov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 897-899.
CB

Jul 68

360,470

Kinetics of the High-Temperature Chlorination of
Zinc and Copper Oxides and Sulfides, by

M. E. Fialko, A. I. Okunev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
June 1967, pp 900-903.

CB

Jul 68

360,471

Geology of the Bol'shoy Ik Basin, Southern
Urals, by M. A. Kamaletdinov & R. A. Kamaletdinov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 909-912.
An Geological Inst.

May 68

350,839

The Problem of Central Asian Loesses, by
A. I. Lazarenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 1,
1967, pp 913-916.
Am Geological Inst.

May 18

356,340

Overthrust Blankets of the Northwest Baikal
Region, by Yu. P. Popov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 917-920.
Am Geological Inst.

May 68

356,841

Metamorphosed Euxenite Pebbles in Conglomerate
Among Precambrian Schists of the Kokchetav
Massif (Central Kazakhstan), by O. N. Rosen.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 921-923.
Am Geological Inst.

May 58

356,942

New Data on Relationships Between the Paleoeuxinian
and the Uzunlarian Terraces on Caucasian Shores
of the Black Sea, by P. V. Fedorov.

RUSSIA: per. Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 924-926.

Am Geological Inst.

May 68

356,843

New Data on Structure of the Intermediate (2nd
Structural) Stage of the Western Siberian Plate,
by E. E. Potiadi.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 4,
1967, pp 927-929.
Am Geological Inst.

May 68

356,344